

*Sub
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cont.*

adjusting means for adjusting a position of said semiconductor laser array so as to satisfy the relation $\theta \leq \tan^{-1}\{1/(n-1)\}$, where angle θ is defined by first and second straight lines on the recording substrate, said first straight line drawn perpendicular to a primary scanning direction and said second straight line drawn through respective centers of a first and an n-th laser beam spot formed by projecting laser beams emitted respectively from said plurality of light emitting points,

wherein said adjusting means is capable of rotating around an optical axis of said means for collimating.

6. (Three Times Amended) An information recording multibeam light source comprising:

a plurality of semiconductor laser arrays each including a plurality of light emitting points in a single package, said plurality of light emitting points being formed to be positioned in linear relationship to one another and having an equidistant pitch so as to respectively emit laser beams simultaneously scanned over a recording substrate;

means for collimating said laser beams emitted by said plurality of semiconductor arrays; and

Q2
adjusting means for adjusting each of said semiconductor laser arrays individually to a position so as to satisfy the relation $\theta \leq \tan^{-1}\{1/(n-1)\}$, where angle θ is defined by first and second straight lines on the recording substrate for each of said semiconductor laser arrays, said first straight line drawn perpendicular to a primary scanning direction and said second straight line drawn through respective centers of a first and an n-th laser beam spot formed by projecting laser beams emitted respectively from said plurality of light emitting points,

wherein said adjusting means is capable of rotating around an optical axis of said means for collimating.

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Cmt*

8. (Amended) The information recording multibeam light source according to claim 6, wherein:

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said plurality of semiconductor laser arrays comprises a first laser array defining an optical axis of laser beams aligned to be approximately parallel to and tilted by a relatively minute angle from that of other laser arrays, so that a position of said laser beam spots on the recording substrate formed by said first laser array is adjusted to be displaced from that of beam spots from said other laser arrays by a predetermined distance along the primary scanning direction.

22. (Three Times Amended) An information recording multibeam light source comprising:

a semiconductor laser array including a plurality of light emitting points in a single package, said plurality of light emitting points being formed to be positioned in linear relationship to one another and having an equidistant pitch so as to respectively emit laser beams simultaneously scanned over a recording substrate;

QA
a collimator lens configured to collimate said laser beams emitted by said semiconductor laser array; and

a position adjustor configured to adjust a position of said semiconductor laser array so as to satisfy the relation $\theta \leq \tan^{-1}\{1/(n-1)\}$, where angle θ is defined by first and second straight lines on the recording substrate, said first straight line drawn perpendicular to a primary scanning direction and said second straight line drawn through respective centers of a first and an n-th laser beam spot formed by projecting laser beams emitted respectively from said plurality of light emitting points,

wherein said position adjustor is configured to rotate around an optical axis of said collimator lens.

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O2
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26. (Three Times Amended) An information recording multibeam light source comprising:

a plurality of semiconductor laser arrays each including a plurality of light emitting points in a single package, said plurality of light emitting points positioned in linear relationship to one another and having an equidistant pitch so as to respectively emit laser beams simultaneously scanned over a recording substrate;

a collimator lens configured to collimate said laser beams emitted by said plurality of semiconductor laser arrays; and

C5
a position adjustor configured to adjust each of said semiconductor laser arrays individually to a position so as to satisfy the relation $\theta \leq \tan^{-1}\{1/(n-1)\}$, where angle θ is defined by first and second straight lines on an image recording substrate for each of said semiconductor laser arrays, said first straight line drawn perpendicular to a primary scanning direction and said second straight line drawn through respective centers of a first and an n-th laser beam spot formed by projecting laser beams emitted respectively from said plurality of light emitting points,

wherein said position adjustor is configured to rotate around an optical axis of said collimator lens.

28. (Amended) The information recording multibeam light source according to claim 26, wherein:

C6
an optical axis of laser beams from a first laser array is aligned to be approximately parallel to and tilted by a relatively minute angle from that of other laser arrays, so that a position of said laser beam spots on the recording substrate formed by said first laser array is adjusted to be displaced from that of beam spots from said other laser arrays by a predetermined distance along the primary scanning direction.